



International Illication No

A CLASS	FICATION OF SUBJECT MATTER							
ÎPC 7	B01J8/42 B01J19/12							
According	lo International Patent Classification (IPC) or to both national classi	fication and IPC						
	SEARCHED							
Minimum d IPC 7	bournentation searched (classification system followed by classific $B01J$ $C22B$ $F27B$ $F26B$	ation symbols)						
Documents	ation searched other than minimum do auto-station to the							
	ation searched other than minimum documentation to the extent that							
Electronic o	data base consulted during the international search (name of data	base and, where practical search terms used	t)					
	nternal, WPI Data, PAJ							
C. DOCUMENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the	relevant passages	Relevant to claim No.					
A	US 5 382 412 A (JEON JONG Y ET 17 January 1995 (1995-01-17) abstract column 9, line 53 -column 10, li figure 3	1-23						
A	US 3 528 179 A (SMITH FRANKLIN 0 15 September 1970 (1970-09-15) column 2, line 42 - line 62; fig column 5, line 23 - line 54	1-23						
Furth	er documents are listed in the continuation of box C.	X Patent family members are listed	in annex.					
Special cat	regordes of cited documents: In the continuation of box C. In the defining the general state of the art which is not	Patent family members are listed in annex. "T" later document published after the international filing date or priority date and not in conflict with the application but						
"E" earlier document but published on or after the international filing date		case to understand the principle or theory underlying the invention 'X' document of particular relevance; the claimed invention cannot be considered to						
"L" document which may throw doubts on priority dalm(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means		'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other, such document is						
P' document published prior to the international filing date but		ments, such combination being obvious to a person skilled in the art. '8' document member of the same patent family						
Date of the actual completion of the international search		Date of mailing of the international search report						
23 February 2004		04/03/2004						
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL ~ 2280 HV Rijswijk		Authorized officer						
Tel. +220/17 rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax. (+31-70) 340-3016		Thomasson, P						







Information on patent family members

International Internation No PCT/EP 03/13163

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 5382412	A	17-01-1995	DE GB US	4327308 A1 2271518 A ,B 5374413 A	16-02-1995 20-04-1994 20-12-1994
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